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(54) Title: **LITHIUM BASED ELECTROCHEMICAL DEVICES HAVING A CERAMIC SEPARATOR GLUED THEREIN BY AN ION CONDUCTIVE ADHESIVE**

(57) Abstract: Lithium based electrochemical devices which contain at least two porous electrodes, which include expanded metal microgrids coated with active materials, with a porous ceramic separator therebetween in adherent contact with one electrode, and an ionically conductive organic adhesive on said separator in adherent contact with said second electrode. A non-aqueous electrolyte is soaked into the electrodes and the separator with the device contained in an enclosure with two external terminals.

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